RBR_id	req_k ey	req_categ ory	segm ent	req_type	s_veri f_met hod	s_verif_s tat	a_ver if_me thod		CCR	text	interpretation text	clarification n text
EOC-2020#A	4320	mission critical	FOS	function al	test	un- verified	test	un-verified		The EOC shall generate the long-term spacecraft operations plan, based upon, at a minimum, the following: a. LTSP from the IWG. b. LTIP from the IWG. c. Spacecraft maneuvers and other spacecraft activities that have potential to impact mission operations	A: Based on scheduled activities.	
EOC-2030#A	4327	mission critical	FOS	function	demo	un- verified	demo	<u>un-verified</u>		The EOC shall store and maintain EOS planning and scheduling information, which includes, at a minimum, the following: a. IWG science guidelines, as specified in the LTSP and LTIP b. Long-term spacecraft operations plan c. Predicted availability of the spacecraft resources d. Baseline activity profile for each applicable instrument e. Planning and scheduling information received from the FDF f. Preliminary resource schedules, including TDRSS contact times g. Detailed activity schedules, including TDRSS contact times	A: Basic functionality provided. Scheduled activities (including activity modes and resource usage), BAP definitions, and activity definitions.	

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Table	: I - KUK C	mange 1	able. This	lable lu	enunes mo	umcano	nis to existii	ig EUC	requirement	is in the	RbR class as identified in the 7	31 basenne version	of the KTM database.
	2220#A	4378	mission critical	FOS	function al	test	un- verified	test	un-verified		The EOC shall identify and resolve conflicts based on, at a minimum, the following: a. Resources needed for each observation or instrument support activity b. Resources needed for each spacecraft subsystem activity, if applicable c. Inter-instrument dependency d. In situ observation dependency e. Priorities set by the LTSP	A: Basic functionality provided.  Conflicts based on resource usage.	
EOC-2	2270#A	4380	mission critical	FOS	function	demo	un- verified	demo	<u>un-verified</u>		The EOC shall accept an instrument resource profile or instrument resource deviation list (when a resource profile exists for the instrument) from each ICC.	An activity must exist in the mission schedule to reserve resources that originate from within an ICC resource profile; .  A: Basic functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 1 - Kok C	nange i	avic. Tills t	able lu	enumes mo	umcau	ions to exis	ung EC	ic requiren	ients in	the KDK class as luchthieu.	in the 7/31 baseline version o	i tile KTM database.
EOC-2272#A	4381	mission critical	FOS	function al	test	un- verified	test	un- verified		For the instruments that have resource deviations lists, the EOC shall build instrument resource profiles by combining the resource deviation lists with the respective baseline resource profiles.	An activity must exist in the mission schedule to reserve resources that orginate from within a resource deviation list; A: Basic functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage.  Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
EOC-2280#A	4382	mission critical	FOS	function al	test	un- verified	test	un- verified		At least once each week, the EOC shall generate for each spacecraft a preliminary resource schedule that describes all operations currently planned for the following target week.	The mission schedule represents a continuous plan which encompasses the preliminary resource schedule. ; A: Basic functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 1 - Role C	nange 1	abic. This		chulles mo	unicano	IIS to CAIS	ung EO	C requiren	iciits iii		in the 7/31 basenne version o	i the Kilvi database.
EOC-2290#A	4383	mission critical	FOS	function al	demo	un- verified	demo	un- verified		Whenever the ICCÍs instrument resource profile cannot be integrated into a preliminary resource schedule, the EOC shall provide the ICC with a notification that includes, at a minimum, an identification of the conflicting activities and the source of conflict.	The mission schedule represents a continuous plan which encompasses the preliminary resource schedule.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage.  Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
EOC-2300#A	4384	mission critical	FOS	function al	test	un- verified	test	un- verified		The EOC shall build or update the preliminary resource schedule based on the following, at a minimum:  a. Existing preliminary resource schedules, if any b. Instrument resource profiles  c. Spacecraft subsystems resource profile  d. Science guidelines  e. Spacecraft operations constraints  f. TDRSS schedule	A: Basic functionality provided. Based on scheduled activities.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage.  Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 1 - RbR C	hange 1	able: This	table id	entifies mo	odificati	ions to exis	ting EC	C requir	ements	in the RbR class as identified	in the 7/31 baseline version of	of the KTM database.
EOC-2310#A	4385	mission	FOS	function	test	un-	test	un-		The EOC shall build a	A: Basic functionality	Instrument resource
		critical		al		verified		<u>verified</u>		preliminary resource	provided.	profiles, activity lists, &
										schedule by performing the	Based on scheduled	deviation lists are
										following:	activities.	equivalent to activities.
										a. Integrating the spacecraft		Mode transitions in activity
										subsystems resource profile and individual instrument		definitions define resource
										resource profiles		usage. Preliminary
										b. Determining if required		resource schedules and
										resources, including SN		activity schedules are
										resources, are within limits		equivalent to mission
										c. Using guidelines		schedules; mission
										established by the LTSP		schedules are integrated
										d. Resolving conflicts		schedules containing
										between the proposed		scheduled activities for a
										activities		spacecraft & its
												instruments.
TO G	1001		T0.0									-
EOC-2320#A	4386	mission critical	FOS	function	inspe	un-	inspe			The preliminary resource	The mission schedule	<u>Instrument resource</u>
		critical		al	ction	verified	ction	<u>verified</u>		schedule shall include, at a minimum, the following:	represents a continuous plan which encompasses the	profiles, activity lists, &
										a. Activity or DAR	preliminary resource	deviation lists are equiv-
										identifiers	schedule. ÷	alent to activities. Mode
										b. Resource availability and	senedate. ,	transitions in activity
										usage requirements	A: Basic functionality	definitions define resource
										c. Time constraints and	provided. Scheduled	usage. Preliminary
										alternatives for planned	activities (includes modes	resource schedules and
										activities	and resources), DAR IDs	activity schedules are
										d. TDRSS schedule	from ASTER GDS.	equivalent to mission
												schedules; mission
												schedules are integrated
												schedules containing
	I			I								scheduled activities for a
												spacecraft & its

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Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 ba	senne version of the KTM database.
EOC-2350#A 4387 mission FOS function dem un- dem <u>un-</u> The EOC shall provide the The mission s	
	ontinuous plan <u>profiles, activity lists, &amp;</u>
schedule to the ICCs upon which encomp	
generation. preliminary re	
schedule. ; A	
functionality j	definitions define resource
	usage. Preliminary
	resource schedules and
	activity schedules are
	equivalent to mission
	schedules; mission
	schedules are integrated
	schedules containing
	scheduled activities for a
	spacecraft & its
	<u>instruments.</u>
EOC-2460#A 4392 mission FOS function test un- test un- The EOC shall be capable of A: Basic func	tionality Instrument resource
	-
critical al verified verified generating or updating a provided. Ba	sed on profiles, activity lists, &
spacecraft subsystem scheduled act	sed on profiles, activity lists, & deviation lists are
spacecraft subsystem activity list based on at a	sed on profiles, activity lists, & deviation lists are equivalent to activities.
spacecraft subsystem activity list based on at a minimum the following:	sed on profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity	sed on profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule	sed on profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit data and related information	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated scheduled activities for a
spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit	profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing

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Table 1 - KDK C	mange 1	able: This	lable lu	enumes mo	umcau	ions to exis	ung EC	ic requir	ements	in the Kok class as identified	in the 7/31 baseline version of	i the KTM uatabase.
EOC-2480#A	4394	mission	FOS	function	dem	un-	dem	un-		The EOC shall accept from	The mission schedule	<u>Instrument resource profiles</u> ,
		critical		al	О	verified	О	<u>verified</u>		each ICC an instrument	represents a continuous plan	activity lists, & deviation
										activity list or an instrument	which encompasses activity	lists are equivalent to
										activity deviation list (when	deviations and BAPs <u>.</u> ;	activities. Mode transitions
										an activity profile exists for	Basic functionality provided.	in activity definitions define
										the instrument) and any updates thereto.		resource usage. Preliminary
										updates thereto.		resource schedules and
												activity schedules are
												equivalent to mission
												schedules; mission schedules
												are integrated schedules
												containing scheduled
												activities for a spacecraft &
												its instruments.
EOC-2482#A	4395	mission	FOS	function	test	un-	test	<u>un-</u>		For the instruments that have	A: Basic functionality	Instrument resource profiles,
		critical		al		verified		<u>verified</u>		instrument activity deviation	provided.	activity lists, & deviation
										lists, the EOC shall build the		lists are equivalent to
										instrument activity lists by combining the instrument		activities. Mode transitions
										activity deviation lists with		in activity definitions define
										the respective baseline		resource usage. Preliminary
										activity profiles.		resource schedules and
										3 1		activity schedules are
												equivalent to mission
												schedules; mission schedules
												are integrated schedules
												containing scheduled
												activities for a spacecraft &
												its instruments. Scheduling
												of activities and activity
												<u>lists.</u>

Ta	able 1 - RbR C	hange T	able: This t	table id	entifies mo	<u>odificati</u>	ions to exis	ting EC	)C requir	<u>ements</u>	in the RbR class as identified	I in the 7/31 baseline version of	f the RTM database.
EC	OC-2490#A	4396	mission	FOS	function	test	un-	test	<u>un-</u>		For each day the EOC shall		<u>Instrument resource profiles</u> ,
			critical		al		verified		<u>verified</u>		be capable of generating or		activity lists, & deviation
											updating a detailed activity		lists are equivalent to
											schedule for each spacecraft		activities. Mode transitions
											and its instruments,		in activity definitions define
											nominally covering the next 7 days.		resource usage. Preliminary
											7 days.		resource schedules and
													activity schedules are
													equivalent to mission
													schedules; mission schedules
													are integrated schedules
													containing scheduled
													activities for a spacecraft &
													<u>its instruments.</u>
EC	OC-2510#A	4397	mission	FOS	function	test	un-	test	<u>un-</u>		The EOC shall generate a	The mission schedule	<u>Instrument resource profiles</u> ,
			critical		al		verified		<u>verified</u>		detailed activity schedule for	represents a continuous plan	activity lists, & deviation
											the spacecraft and its	which encompasses the	<u>lists are equivalent to</u>
											instruments by:	generation of a detailed	activities. Mode transitions
											a. Integrating the spacecraft subsystem activity list and	activity schedule. A:By	in activity definitions define
											individual instrument	scheduling activities and	resource usage. Preliminary
											activity lists	checking resource usage.	resource schedules and
											b. Determining if the		activity schedules are
											aggregate resource		equivalent to mission
											requirements are within		schedules; mission schedules
											limits		are integrated schedules
											d. Ensuring that all the		containing scheduled
											sequencing constraints		activities for a spacecraft &
											among the proposed activities are respected		<u>its instruments.</u>
											e. Scheduling the spacecraft		1
											recorder, direct downlink,		
											and communication		
											subsystem operations		1

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											n the KTM Gatabase.
EOC-2540#A	4400	mission	FOS	function	test	un-	test	un-	The EOC shall notify the	A: Basic functionality	<u>Instrument resource profiles</u> ,
		critical		al		verified		<u>verified</u>	ICC of any instrument	provided.	activity lists, & deviation
									activities that cannot be		lists are equivalent to
									integrated into a detailed		activities. Mode transitions
									activity schedule.		in activity definitions define
											resource usage. Preliminary
											resource schedules and
											activity schedules are
											equivalent to mission
											schedules; mission schedules
											are integrated schedules
											containing scheduled
											activities for a spacecraft &
											<u>its instruments.</u>
EOC-2550#A	4401	mission	FOS	function	test	un-	test	<u>un-</u>	The detailed activity		Instrument resource profiles,
EOC-2550#A	4401	mission critical	FOS	function al	test	un- verified	test	un- verified	schedule shall include, at a		activity lists, & deviation
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following:		activity lists, & deviation lists are equivalent to
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities		activity lists, & deviation lists are equivalent to activities. Mode transitions
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. Spacecraft activities necessary for the spacecraft subsystem maintenance		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. Spacecraft activities necessary for the spacecraft subsystem maintenance d. Spacecraft resource		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. Spacecraft activities necessary for the spacecraft subsystem maintenance d. Spacecraft resource requirements for each		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. Spacecraft activities necessary for the spacecraft subsystem maintenance d. Spacecraft resource requirements for each activity		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules: mission schedules are integrated schedules containing scheduled
EOC-2550#A	4401		FOS		test	****	test		schedule shall include, at a minimum, the following: a. Instrument activities b. Spacecraft activities necessary to support all instrument activities c. Spacecraft activities necessary for the spacecraft subsystem maintenance d. Spacecraft resource requirements for each		activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules

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					unicut	tons to cais	ung D	o require		i ili tile 7/31 baselille version o	the Killi database.
EOC-2620#A	4406	mission	FOS	function	test	un-	test	<u>un-</u>	The EOC shall provide the	The mission schedule	<u>Instrument resource profiles</u> ,
		critical		al		verified		<u>verified</u>	ICC with the detailed	represents a continuous plan	activity lists, & deviation
									activity schedule and any	which encom-passes the	lists are equivalent to
									updates upon generation.	generation of a detailed	activities. Mode transitions
										activity schedule; Basic	in activity definitions define
										functionality provided.	resource usage. Preliminary
											resource schedules and
											activity schedules are
											equivalent to mission
											schedules; mission schedules
											are integrated schedules
											containing scheduled
											activities for a spacecraft &
											its instruments.
EOC-3090#A	4413	mission	FOS	function	test	un-	test	un-	As frequently as	A: Basic functionality	
		critical		al		verified		verified	necessitated by the	provided. Limited ATC	
									detailed activity schedule,	load, tables, and	
									the EOC shall build a	microprocessor loads.	
									spacecraft and instrument	_	
									memory load, which		
									includes as many of the		
									following as needed:		
									a. SCC-stored spacecraft and instrument commands		
									b. SCC-stored spacecraft		
									and instrument tables		
									c. Instrument loads		
									d. SCC software updates.		
EOC-3160#A	6323	mission	FOS	function	dem	un-	dem	un-	The EOC shall generate	A:Microprocessor Load	
		critical		al	О	verified	О	verified	operational reports.	Reports and Table Load	
										Reports. Sybase reports and	
										some informal reports	
										available.	

Table 1 - RbR C	hange T	able: This	table id	entifies mo	odifica	tions to exi	isting E	OC requir	ements in the RbR class as identified in the 7/31 baseline version of the RTM database.
EOC-4005#A	4414	mission critical	FOS	function al	test	un- verified	test	un- verified	The EOC shall be capable of transmitting commands to the EOS spacecraft via EDOS using the: a. SN b. GN, DSN, WOTS (for contingency or emergency operations)
EOC-4020#A	4484	mission critical	FOS	function al	test	un- verified	test	un- verified	The EOC shall merge the real-time commands supplied by the spacecraft operator, command groups, and the spacecraft and instrument memory loads into one uplink stream.  A: Basic functionality provided. Real time commands only.
EOC-4200#A	4540	mission critical	FOS	function al	test	un- verified	test	un- verified	The EOC shall support several uplink rates to the spacecraft, which include at a minimum the following: a. 10 kilobits per second (kbps) (SSA uplink) b. 1 kbps (SMA uplink) c. 125 bits per second (bps) (SSA uplink during contingency operations) d. 2 kbps (emergency operations via S-band DSN link)
EOC-5010#A	4544	mission critical	FOS	function al	anal ysis	un- verified	anal ysis	un- verified	The EOC shall receive from EDOS the following telemetry data types in CCSDS packets containing:  a. Real-time spacecraft and instrument housekeeping data  b. Spacecraft recorder housekeeping data c. SCC memory dump data

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EOC-6010#A 4580 mission critical FOS function al unverified werified werified werified werified werified the capability to perform analysis on real-time telemetry data and spacecraft recorder housekeeping data.  EOC-6060#A 4585 mission critical al unverified werified werif	ersion of the KTM database.
EOC-6060#A 4585 mission critical FOS function all verified werified werified werified specified parameter against another parameter spacecraft recorder housekeeping data.  The EOC shall provide the capability to plot a specified parameter against another parameter defined in the Level	
critical al verified verified the capability to plot a specified parameter against another parameter defined in the Level	
	ity as 4
EOC-7010#A 4592 mission critical FOS function al werified where provided a minimum the following: a. Housekeeping data formats b. Housekeeping data formats	

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					unicut	to to cais	ting L	Crequire	inches i	ii tile KDK Class as lucitificu i		the KIM database.
EOC-7060#A	4604	mission	FOS	function	test	un-	test	<u>un-</u>		The EOC shall maintain a	A: Limited archive and	
		critical		al		verified		<u>verified</u>		history log for the	event messages.	
										spacecraft and instruments	· ·	
										for the most recent 7 days,		
										including at a minimum the		
										following:		
										a. All messages sent and		
										received		
										b. Telemetry data		
										c. Operator		
										requests/directives		
										d. Real-time commands		
										e. Stored command loads		
										f. Memory loads and dumps		
										g. Limits violations		
										h. Error conditions		
										i. Warnings		
										k. Spacecraft and instrument		
										status information		
										l. Executed schedules		
										m. Analysis results		
										n. Responses to operator		
										requests		
										o. User interface language		
										procedures as they were		
										executed		
										p. EOC reconfiguration information		
F0G 0110#:	4614		FOC	c			ļ.,			q. Master ground image		
EOC-8110#A	4614	mission	FOS	function	dem	un-	dem	<u>un-</u>		The EOC shall support	A: scheduling interfaces	
		critical		al	0	verified	О	<u>verified</u>		ongoing operations.	with ICCs only	
EOC-8140#A	6332	mission	FOS	function	test	un-	test	un-		The EOC shall manage	A: Initialization	
		critical		al		verified		verified		initialization and shutdown		
										of EOC functions.		

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RBR_id	req_ke	req_categ	segm	req_type	_				CCR	text	interpretation text	clarification text
	У	ory	ent		f_met hod	tat	_meth od	_stat				
CC-2020#A	5264	mission essential	FOS	function al	demo	un- verified	demo	un- verified		Upon request from the PI/TL at the IST, the ICC shall provide the IST with planning and scheduling information, which includes, at a minimum, the following:  a. LTSP and LTIP  b. Current resource availability information  c. Current predicted orbit data and related information.  d. Plans and schedules	A: Basic functionality provided. <u>Scheduled</u> <u>activities (includes</u> <u>modes and resource</u> <u>usage).</u>	
ICC-2050#A	5266	mission critical	FOS	function al	test	un- verified	test	un- verified		The ICC shall identify and resolve instrument planning and scheduling conflicts of its instrument based on, at a minimum, the following:  a. Resource and time constraints b. In situ observation dependency c. Coordinated observation dependency among instruments d. Priorities set by the LTSP and LTIP	A: Basic functionality provided. Resource conflicts identified.	

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Table 2 - KUK	Change 1	anic. This	table lu	enumes mo	umcano	iis to exis	ung it	Crequire	ments m	the RBR class as identified in	the 7/31 baseline version o	i tile KTM uatabase.
ICC-2140#A	5272	mission critical	FOS	function al	test	un- verified	test	un- verified		At least once each week, the ICC shall build an instrument resource profile or an instrument resource deviation list (when a baseline resource profile exists for the instrument), which includes a description of instrument operations currently planned for the target week.	The mission schedule represents a continuous plan that encompasses instrument resource profiles and deviations;  A: Basic functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2150#A	5273	mission critical	FOS	function al	test	un- verified	test	un- verified		The ICC shall accept from the EOC a notification of rejection of its instrument activities proposed in the instrument resource profile or instrument resource deviation list.	A: Basic functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

Table 2 - RbR	Change 1	able: This	table lu	enunes mo	omica	tions to ex	isung	ICC requi	remen	ts in the RDR class as identified in t	ne 7/31 baseime version of the	K I WI database.
ICC-2190#A	6169	mission	FOS	function	test	un-	test	un-		The ICC shall build or update its	A: Basic functionality	<u>Instrument resource profiles</u> ,
		critical		al		verified		<u>verified</u>		instrument resource profile, or	provided. Scheduled	activity lists, & deviation
										when a resource profile exists, its	activities (includes modes	lists are equivalent to
										instrument resource deviation list,	and resources).	activities. Mode transitions
										based, at a minimum, on the		in activity definitions define
										following:		resource usage. Preliminary
										a. PI/TL provided instrument deviation requests		resource schedules and
										b. LTSP and LTIP		activity schedules are
										c. Current resource availability		equivalent to mission
										d. Current predicted orbit data and		schedules; mission schedules
										related information		are integrated schedules
												containing scheduled
												activities for a spacecraft &
												its instruments.
ICC-2210#A	6171	mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall ensure that its		Instrument resource profiles,
		critical		al		verified		<u>verified</u>		instrument resource profile		activity lists, & deviation
										contains no internal conflicts.		lists are equivalent to
												activities. Mode transitions
												in activity definitions define
												resource usage. Preliminary
												resource schedules and
												activity schedules are
												equivalent to mission
												schedules; mission schedules
												are integrated schedules
												containing scheduled
												activities for a spacecraft &
												<u>its instruments.</u>

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			-			T			-	te Rox class as identified in the 77.		
ICC-2220#A	4705	mission	FOS	functional	demo	un-	demo	<u>un-</u>		The ICC shall be able to generate		<u>Instrument resource profiles,</u>
		critical				verified		<u>verified</u>		the instrument resource profile in	provided.	activity lists, & deviation lists
										both machine		are equivalent to activities.
										usable and human readable forms.		Mode transitions in activity
												definitions define resource
												usage. Preliminary resource
												schedules and activity
												schedules are equivalent to
												mission schedules; mission
												schedules are integrated
												schedules containing
												scheduled activities for a
												spacecraft & its instruments.
ICC-2230#A	4711	mission	FOS	functional	demo	un-	demo	un-		When generated, the ICC shall		Instrument resource profiles,
		critical				verified		<u>verified</u>		provide the EOC with its		activity lists, & deviation lists
										instrument resource profile		are equivalent to activities.
										or, when a resource profile exists,		Mode transitions in activity
										an instrument resource deviation		definitions define resource
										list.		usage. Preliminary resource
												schedules and activity
												schedules are equivalent to
												mission schedules; mission
												schedules are integrated
												schedules containing
												scheduled activities for a
												spacecraft & its instruments.

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Tubic # - 1				delitilies in						in the 7/31 baseline version	or the real additions of
ICC-2250#	‡A 4713	mission	FOS	functional	test	un-	test	<u>un-</u>	The ICC shall accept the		<u>Instrument resource profiles</u> ,
		critical				verified		<u>verified</u>	preliminary resource schedule		activity lists, & deviation lists
									from the EOC.		are equivalent to activities.
											Mode transitions in activity
											definitions define resource
											usage. Preliminary resource
											schedules and activity
											schedules are equivalent to
											mission schedules; mission
											schedules are integrated
											schedules containing scheduled
											activities for a spacecraft & its
											·
											<u>instruments.</u>
ICC-2270#	‡A 4717	mission	FOS	functional	test	un-	test	un-	For each day the ICC shall be	A: Basic functionality	Instruments.  Instrument resource profiles,
ICC-2270#	‡A 4717	mission critical	FOS	functional	test	un- verified	test	un- verified	capable of generating or	A: Basic functionality provided.	
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument	•	Instrument resource profiles,
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument	•	Instrument resource profiles, activity lists, & deviation lists
ICC-2270#	₹A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled
ICC-2270#	‡A 4717		FOS	functional	test		test		capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally	•	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated

ICC-2280#A	6173	mission	FOS	function	test	un-	test	un-	The ICC shall generate or	A: Basic functionality	Instrument resource
		critical		al		verified		verified	update the instrument activity	provided. Scheduled	profiles, activity lists, &
									list, or when a baseline activity	activities (includes modes	deviation lists are
									profile exists, the instrument	and resources).	equivalent to activities.
									activity deviation list, based, at	·	Mode transitions in
									a minimum, on the		activity definitions define
									following:		resource usage.
									a. PI/TL provided instrument		Preliminary resource
									deviation requests. b. LTSP and LTIP		schedules and activity
									c. Preliminary resource		schedules are equivalent
									schedule		to mission schedules;
									d. Current resource availability		mission schedules are
									information		integrated schedules
									e. Current predicted orbit data		containing scheduled
									and related information		activities for a spacecraft
									f. Responses to		& its instruments.
									contingency/emergency		<u>ee nis misuuments.</u>
									conditions		
									g. Rejection notification from		
									the EOC of the activities that		
									cannot be accommodated in the detailed		
									activity schedule		

Table 2	- KbK (	Change T	able: This t	table id	entifies mo	difica	tions to exi	sting	ICC requir	ements	in the RbR class as identified in the 7/3	31 baseline versioi	1 of the RTM database.
ICC-229	0#A	6175	mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall generate the	A: Basic	<u>Instrument resource profiles</u> ,
			critical		al		verified		<u>verified</u>		instrument activity list or the	BASIC	activity lists, & deviation lists
											instrument activity	functionality	are equivalent to activities.
											deviation list (when an activity profile	provided.	Mode transitions in activity
											exists for the instrument) in both		definitions define resource
											machine-		usage. Preliminary resource
											usable and human-readable forms, to		schedules and activity
											describe for each activity, at a		schedules are equivalent to
											minimum, as many of the following that apply:		mission schedules; mission
											a. Activity identifier including		schedules are integrated
											traceability to PI/TL provided		schedules containing
											deviation requests.		scheduled activities for a
											b. Objectives		spacecraft & its instruments
											c. Resource requirements		spaceciait & its instruments
											d. Start time constraints and duration		
											e. Instrument modes as a function of		
											time		
											f. Pointing angles and field of view		
											(FOV)		
											g. Specified tolerance limits		
											h. Disturbances caused for each		
ICC-239	044	4759	::	FOS	£	44		44			instrument mode		I
ICC-239	U#A	4/59	mission critical	FOS	function al	test	un- verified	test	<u>un-</u>		The ICC shall provide the EOC with the instrument activity list or		<u>Instrument resource profiles,</u>
			Citical		aı		vermeu		<u>verified</u>		instrument activity deviation list		activity lists, & deviation lists
											(when an activity profile exists for the		are equivalent to activities.
											instrument) and any updates thereto,		Mode transitions in activity
											when generated.		definitions define resource
											6		<u>usage. Preliminary resource</u>
													schedules and activity
													schedules are equivalent to
													mission schedules; mission
													schedules are integrated
													schedules containing
													scheduled activities for a
													spacecraft & its instruments.

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Table 2 - RbR	Cnange 1	able: Inis	table i	aentines m	oame	ations to ex	xisting	g ICC requ	uremer	its in the RbR class as identified in the	e //31 baseline versio	on of the K I M database.
ICC-2400#A	4763	mission critical	FOS	function al	test	un- verified	test	un- verified	uremer	The ICC shall have the capability to update the instrument activity list or instrument activity deviation list (when an activity profile exists for the instrument) in response to instrument malfunctions or other special events that affect the continuation of the existing schedule.	e //31 dasenne versio	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2420#A	4766	mission essential	FOS	function al	test	un- verified	test	un- verified		The ICC shall send to the IST the generated instrument activity list (or instrument activity deviation list) to be reviewed and/or approved by the PI/TL.		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2430#A	4769	mission essential	FOS	function al	test	un- verified	test	un- verified		The ICC shall notify the PI/TL at the IST of any problems encountered while building or updating its instrument activity list (or instrument activity deviation list).		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - Kuk	Change 1	able. This	table lucii	unies moui	ncano	nis to existi	ng ic	C requiren	ients in t	ne RDR class as identified in the	1/31 baseline version of the	KTM uatabasc.
ICC-4020#A	5402	mission	FOS	function	test	un-	test	un-		The ICC shall provide the	A: AM-1 only; Only the	
		critical	CSMS	al		verified		verified		capability to accept CCSDS	GSFC and LARC	
										packets from EDOS containing	DAACS will interface	
										at a minimum the following	with EDOS.	
										data types:		
										<ol> <li>Spacecraft and instrument</li> </ol>		
										housekeeping data		
										b. Instrument engineering data		
										or instrument science data		
										within which instrument		
										engineering data is embedded		
										c. Instrument memory dump		
										data		
ICC-4040#A	5403	mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall be capable of	A: RT HK data	
		essential		al		verified		<u>verified</u>		simultaneously receiving real-		
										time and spacecraft recorder		
										data for all housekeeping and		
										instrument engineering data		
										types.		
ICC-4410#A	5417	mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall provide the	A: Basic functionality	
		critical		al		verified		<u>verified</u>		capability to perform analysis	provided. RT HK data.	
										on real-time data, spacecraft		
										recorder data, and data from		
										the ICC history log.		
ICC-4450#A	5420	mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall provide the	A: Basic functionality	
		critical		al		verified		<u>verified</u>		capability to plot specified	provided. <u>Limited plot</u>	
										parameters against other	capability as defined in	
										specified parameters or against	the Level 4 requirements.	
	ĺ									time.	· —	

ICC-4710#A		mission	FOS	function	inspecti	un-	inspect	<u>u</u>	The ICC Instrument Data Base (IDB) shall include at a	A: Basic functionality as	
	6178	critical		al	on	verified	ion	<u>n</u>	minimum the following:	defined in the Level 4	
								_	a. Instrument housekeeping data formats	requirements.	
								v	b. Instrument engineering data formats	•	
								e	c. Housekeeping and engineering parameter		
								ri ri	descriptions		
								f;	d. Command descriptions		
								11	e. Syntactical rules for commands and operator		
								<u>e</u>	directives		
								<u>d</u>	f. Operator directives		
									g. Display formats		
									h. Planning and scheduling definitions and constraints		
									i. Analysis algorithms		
									j. Report formats		
									k. Derived telemetry parameter equations		
									1. Parameter limits		
									m. Instrument characteristics		
									n. Command validation parameters		

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ICC-4780#A	6180	mission critical	FOS	function al	test	un- verified	test	un-verified	The ICC shall maintain a history log of instrument and ICC activities for at least 7 days, including at a minimum the following:  a. All messages sent and received  A: Limited archive and event messages.
									b. Engineering and housekeeping data c. Operator requests/directives and responses d. Commands e. Microprocessor loads and dumps f. Limits violations
									g. Error conditions h. Instrument status data i. Executed schedules j. Analysis results k. Instrument calibration parameters l. Spacecraft status information m. ICC reconfiguration information
ICC-6070#A	6340	mission critical	FOS	function al	test	un- verified	test	un-verified	The ICC shall manage initialization and shutdown of ICC functions.  A: Initialization
ICC-7214#A	5454	mission essential	FOS	function al	test	un- verified	test	un-verified	The IST shall interface with the ICC to receive notification of request for instrument support activity receipt.  A: Basic functionality provided. Timeline display of scheduled activities.

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ICC-7220#A	5455	mission essential	FOS	function al	test	un- verified	test	un- verified	The IST shall have the capability to request and accept from the ICC planning and scheduling information, which includes, at a minimum, the following: a. LTSP and LTIP goals and priorities b. Current resource availability information c. Current predicted orbit data and related information d. Plans and schedules	A: Basic functionality provided. Timeline display of scheduled activities.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage.  Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled
ICC-7460#A	5460	mission essential	FOS	function al	test	un- verified	test	un- verified	The IST shall provide the capability to display and process the raw or engineering unit converted instrument engineering data.		integrated schedules containing scheduled activities for a spacecraft & its instruments.  Engineering data embedded in the HK stream only.

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RBR_id	req_k ey	req_catego ry	segment	req_typ e	s_verif _metho d	s_verif_st at	a_verif _metho d	a_verif_st at	CCR	text	interpretation text	clarificati on text
EOSD0502#A	4780	mission essential	FOS   SDPS	functio nal	demo	un- verified	demo	un- verified		ECS shall provide an integrated set of toolkits consisting of software tools for each ECS element.	A: <u>IST toolkit delivery does</u> not include source <u>code.</u> Enhanced PGS toolkits, PI/TL ISTs, IMS.	
EOSD1010#A	4810	mission critical	FOS   SDPS   CSMS	perfor mance	test	un- verified	test	un- verified		ECS shall support daily data volume, processing load, storage volume, instrument support, and data traffic as derivable from and specified in Appendix C and D.	FOS applicability: instrument support only. The FOS/EOC requirement is met through the use of CSMS services.	
EOSD1502#A	6318	mission critical	FOS   SDPS   CSMS	interfac e	demo	un- verified	demo	un- verified		ECS elements shall use EBnet for data communications for the following types of data:  a. Production data sets (Level 0 data)  b. Expedited data sets c. Real-time data (for health and safety) d. Command data e. Data requested from back-up archive f. TDRSS schedule requests g. Data exchange with the FDF h. Production Data Transfers between DAACs i. Management Data exchange with SMC j. Data Products Exchange with ADCs, IPs, and Others	A: Tto support AM-1 testing. A: Note that data exchange with FDF is SOW requirements!! A: CONCERN HERE IS EXPECTED READINESS OF FDF FOR RELEASE A I/F TESTING. NOTE THAT FOR RELEASE A N/A IF FDF IS NOT READY, BUT EOC FUNCTIONALITY SHOULD BE THERE TO ACCOMODATE IT! FOS A: Real time data (health and safety), commands, limited exchange with NCC and FDF.	
EOSD1600#A	4825	mission essential	FOS   CSMS	interfac e	test	un- verified	test	<u>un-</u> <u>verified</u>		The ECS elements that interface with EDOS elements shall exchange element level status data with EDOS.	A: FOR STATUS EXCH- ANGES BETWEEN EOC AND EDOS CODAS AND TSS SUMMARY REPORTS FROM EDOS; ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS.	

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	mange					tions to ca	31001112	, LODD ICC	un cin		med in the //31 baseline vers	ion of the KTM database.
EOSD1770#A	4839	mission essential	FOS   SDPS   CSMS	interface	test	un- verified	test	un- verified		ECS elements shall exchange the following types of data at a minimum with the IPs: a. Instrument command loads b. Science data c. Planning and scheduling data d. Directories e. Product Orders	Planning and scheduling data includes instrument stored commands.  A: Llimited interface testing with ASTER (selected planning and scheduling data). Note: Instrument command load information is included in planning and scheduling data.	
EOSD1990#A	6458	mission essential	FOS   SDPS   CSMS	security	anal ysis	un- verified	insp ecti on	un- verified		The ECS system and elements shall employ security measures and techniques for all applicable security disciplines which are identified in the preceding documents. These documents shall provide the basis for the ECS security policy.	The FOS/EOC requirement is met through the use of CSMS services. A: Aas determined in the technical security planning policy activity documented in EOSD2100.	
EOSD2510#A	4847	mission critical	FOS   SDPS   CSMS	security	de mo	un- verified	de mo	un- verified		ECS elements shall maintain an audit trail of: a. All accesses to the element security controlled data b. Users/processes/elements requesting access to element security controlled data c. Data access/manipulation operations performed on security controlled data d. Date and time of access to security controlled data e. Unsuccessful access attempt to the element security controlled data by unauthorized users/elements/processes f. Detected computer system viruses and worms g. Actions taken to contain or destroy a virus	The FOS/EOC requirement is met through the use of CSMS services.	

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Table 3 - RbR Change Table: This table identifies modifications to existing EOSD requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

	nange i	abic. This u		ics mounic	anons to	CAISTING .	EOSD I	equil emen	is in the	NON class as lucitified in the 7/51		KIM uatabase.
EOSD2550#A	4848	mission critical	FOS   SDPS   CSMS	security	test	un- verified	test	un- verified		The ECS elements shall limit use of master passwords or use of a single password for large organizations requiring access to a mix of security controlled and non-sensitive data.	The FOS/EOC requirement is met through the use of CSMS services.	
EOSD2660#A	5075	mission essential	FOS   SDPS   CSMS	security	demo	un- verified	demo	un- verified		ECS elements shall at all times maintain and comply with the security directives issued by the SMC.	The FOS/EOC requirement is met through the use of CSMS services.	
EOSD2710#A	5077	mission essential	FOS   SDPS   CSMS	security	demo	un- verified	demo	un- verified		ECS elements shall report all detected computer viruses and actions taken to the SMC.	The FOS/EOC requirement is met through the use of CSMS services.	
EOSD2990#A	6417	mission critical	FOS   SDPS   CSMS	security	demo	un- verified	demo	un- verified		The ECS elements shall support the recovery from a system failure due to a loss in the integrity of the ECS data or a catastrophic violation of the security system.	The FOS/EOC requirement is met through the use of CSMS services. A: Aat each DAAC as activated by the release recovery of higher level products by reprocessing of Level 0 if needed. A: at the SMC and EOC to support system failures.	
EOSD3000#A	6418	mission critical	FOS   SDPS   CSMS	security	demo	un- verified	demo	un- verified		The ECS shall provide for security safeguards to cover unscheduled system shutdown (aborts) and subsequent restarts, as well as for scheduled system shutdown and operational startup.	The FOS/EOC requirement is met through the use of CSMS services. For each site as applicable to site activation.	
EOSD3490#A	5094	mission fulfillment	FOS   SDPS   CSMS	RMA	demo	un- verified	demo	un- verified		Reliability statistics for ECS shall be collected and monitored using the Mean Time Between Maintenance (MTBM) for each component and operational capability.	The FOS/EOC requirement is met through the use of CSMS services. A: Aapplicable DAACs.	

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	- 0						0					
RBR_id	req_k	req_cate	segmen	req_type	s_ve	s_verif_s	a_ve	a_verif_	CCR	text	interpretation text	clarification text

	ey	gory	t		rif_ meth	tat	rif_	stat			
					od		meth od				
AM1-0020#A	6358	mission essential	FOS   CSMS	interface	test	un- verified	test	un- verified	The EOC shall have the capability to send (via EDOS/EBnet and the SN, GN, DSN, or WOTS) and the AM-1 spacecraft shall have the capability to receive spacecraft commands in CCSDS CLTUs (as defined in AM-1 ICD 106).	A: SN Only	
AM1-0050#A	6362	mission essential	FOS   CSMS	interface	test	un- verified	test	un- verified	The AM-1 spacecraft shall have the capability to send (in CADU format) and the EOC shall have the capability to receive (in EDUs containing CCSDS telemetry packets and CLCWs) real time AM-1 spacecraft and instrument housekeeping telemetry packets (as defined in AM-1 ICD 106) via EDOS/EBnet and the SN, GN, DSN, or WOTS interfaces.	A: SN Only	
AM1-0070#A	6364	mission essential	FOS   CSMS	interface	test	un- verified	test	un- verified	The AM-1 spacecraft shall have the capability to send (in CADU format) and the EOC shall have the capability to receive (in EDUs containing CCSDS telemetry packets) recorded AM-1 spacecraft and instrument housekeeping telemetry packets (as defined in AM-1 ICD 106) via EDOS/EBnet and the SN, GN, DSN, or WOTS interfaces.	A: SN Only	

RBR_id	req_k	req_categ		req_type	s_verif_	s_verif_s		a_verif_s		text	interpretatio	clarification text
RDR_IG	ev ev	ory	nt	req_type	method	tat	method	tat	CCR	text	n text	cialification text
ASTER-0210#A	91	TBD mission essential	FOS	interface	TBD test	un- verified	<u>test</u>	un- verified		ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER instrument resource profiles and instrument resource deviation lists (when a resource profile exists).		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ASTER-0220#A	93	TBD mission essential	FOS	interface	TBD test	un- verified	<u>test</u>	un- verified		ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when ASTER instrument resource profile information cannot be integrated into the preliminary resource schedule.		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ASTER-0240#A	5655	TBD mission essential	FOS	interface	TBD test	un- verified	<u>test</u>	un- verified		ASTER GDS shall have the capability to send and ECS shall have the capability to receive instrument activity lists and instrument activity deviation lists (when an activity list exists) and any updates thereto.		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.  Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.